

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046600.D
 Acq On : 11 Sep 2020 17:26
 Operator : CG/JU
 Sample : L3976-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSY-WC-WATER-DRUM

Quant Time: Sep 11 18:37:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

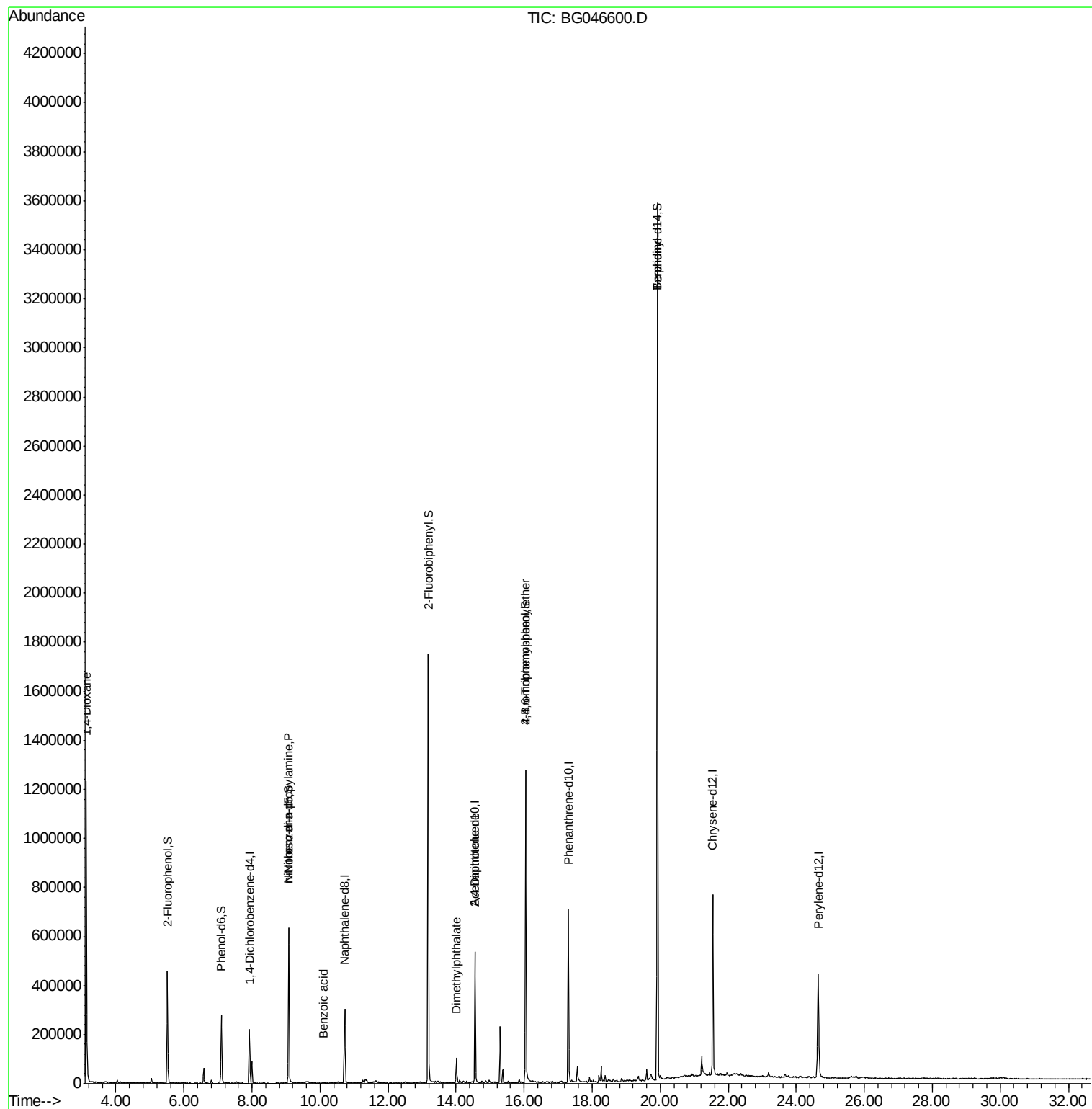
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73054	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	285607	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	199696	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	476533	20.00	ng	0.00
76) Chrysene-d12	21.55	240	472599	20.00	ng	0.00
86) Perylene-d12	24.64	264	469524	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	218596	53.00	ng	0.00
7) Phenol-d6	7.10	99	186124	31.83	ng	0.00
23) Nitrobenzene-d5	9.08	82	398323	79.71	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	285463	105.50	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1029163	78.67	ng	0.00
79) Terphenyl-d14	19.91	244	1570354	70.72	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.13	88	10067	5.867	ng	# 1
19) n-Nitroso-di-n-propylamine	9.08	70	51486	14.721	ng	# 78
32) Benzoic acid	10.08	122	79	4.505	ng	# 78
50) Dimethylphthalate	14.01	163	80658	5.221	ng	100
57) 2,4-Dinitrotoluene	14.56	165	26326	5.421	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	21712	3.905	ng	# 1
77) Benzidine	19.91	184	23651	2.154	ng	# 70

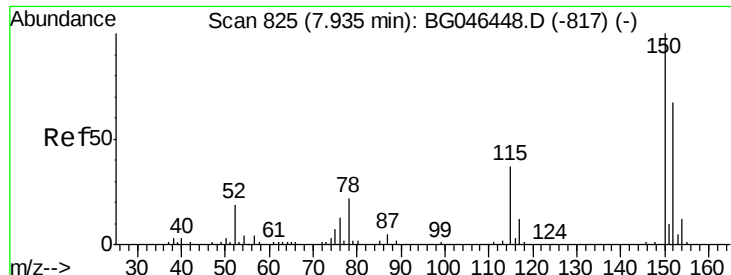
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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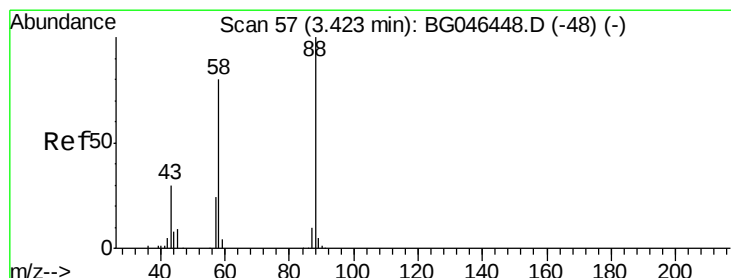
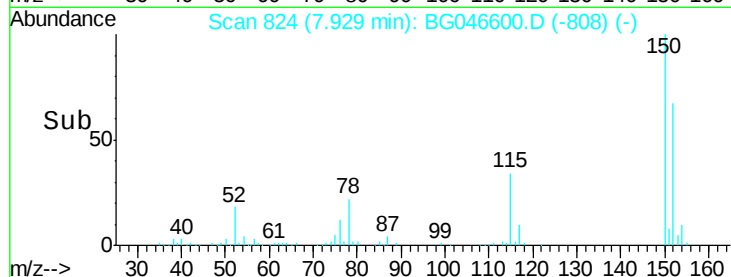
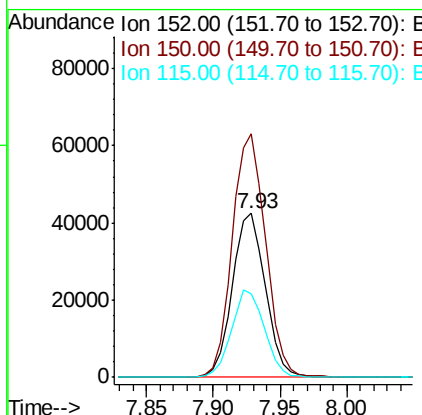
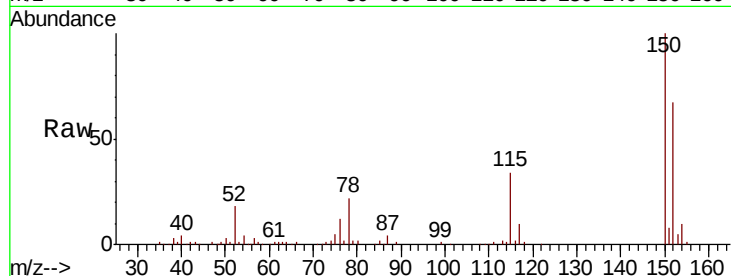




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046600.D
 Acq: 11 Sep 2020 17:26

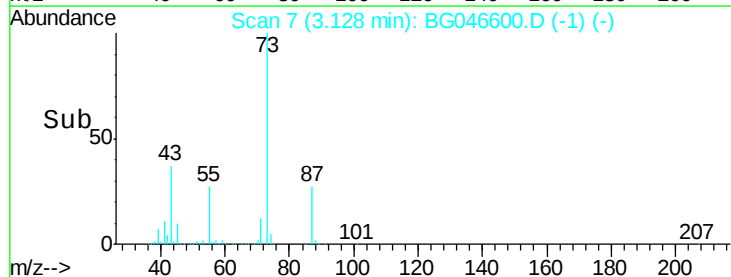
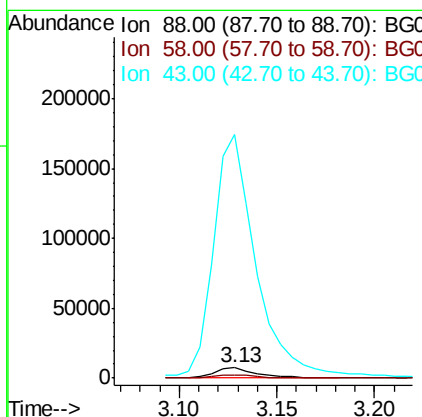
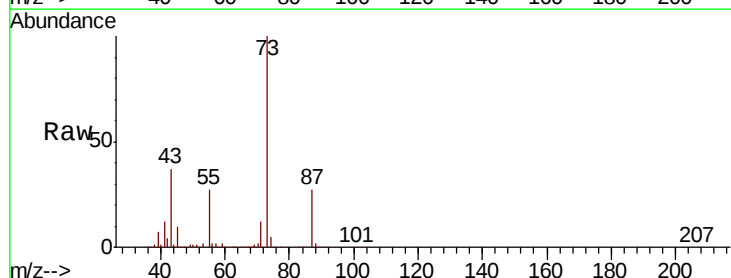
Instrument :
 BNA_G
 ClientSampleId :
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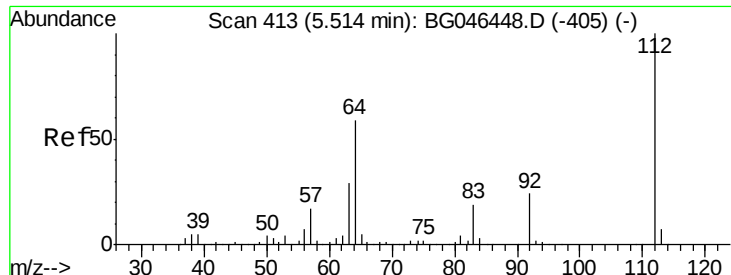
Tot Ion:152 Resp: 73054
 Ion Ratio Lower Upper
 152 100
 150 148.5 119.5 179.3
 115 51.2 44.3 66.5



#2
 1,4-Dioxane
 Concen: 5.867 ng
 RT: 3.13 min Scan# 7
 Delta R.T. -0.29 min
 Lab File: BG046600.D
 Acq: 11 Sep 2020 17:26

Tgt Ion: 88 Resp: 10067
 Ion Ratio Lower Upper
 88 100
 58 34.6 61.4 92.2#
 43 2591.6 21.6 32.4#

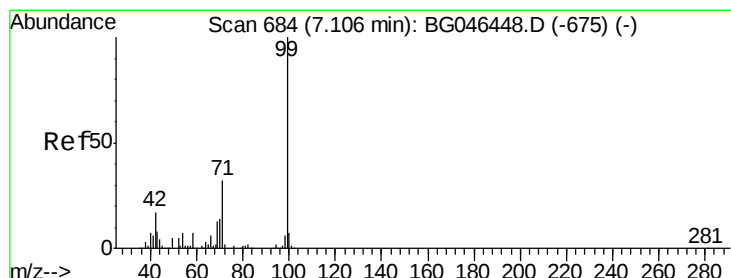
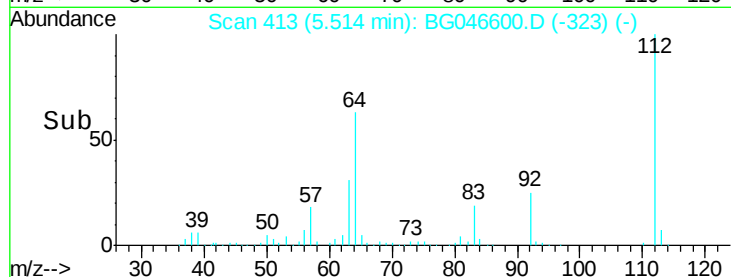
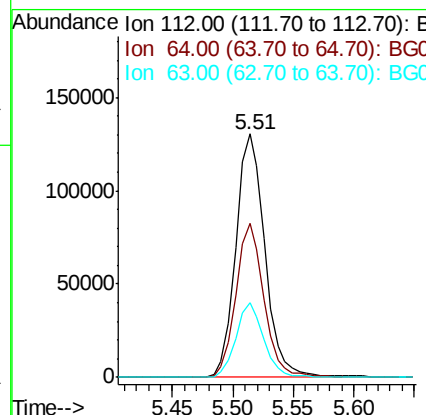
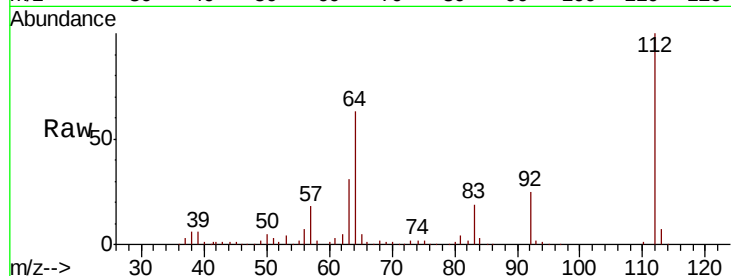




#5
2-Fluorophenol
Concen: 52.998 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

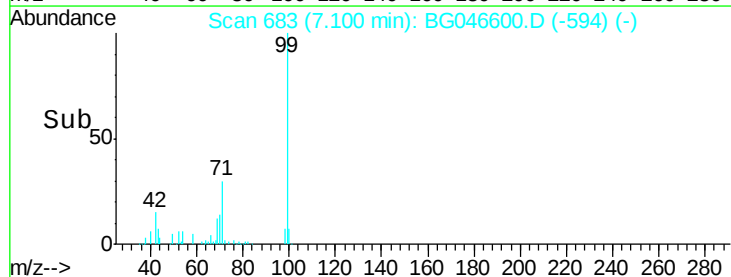
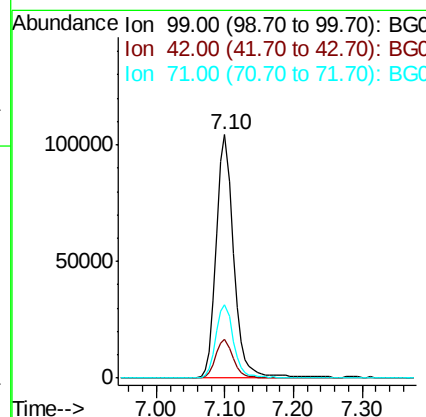
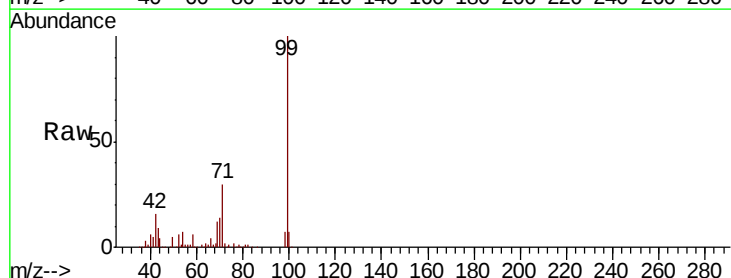
Instrument :
BNA_G
ClientSampleId :
BSY-WC-WATER-DRUM

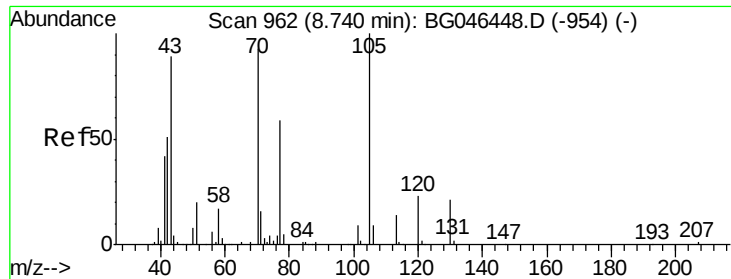
Tot Ion:	112	Resp:	218596
Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.0	70.6
63	30.8	23.5	35.3



#7
Phenol-d6
Concen: 31.832 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.01 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

Tgt Ion:	99	Resp:	186124
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.3	19.9
71	30.1	25.3	37.9

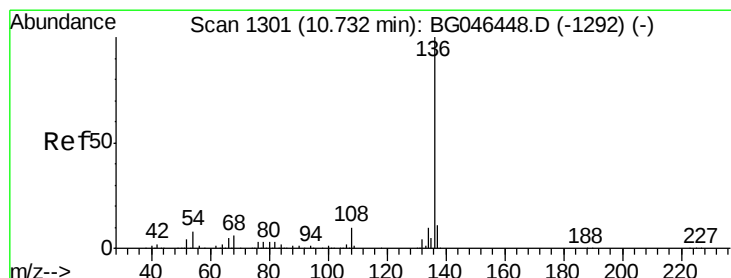
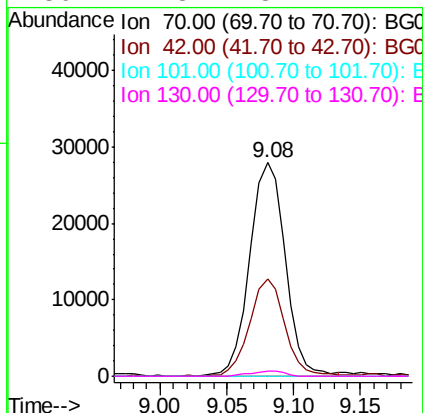
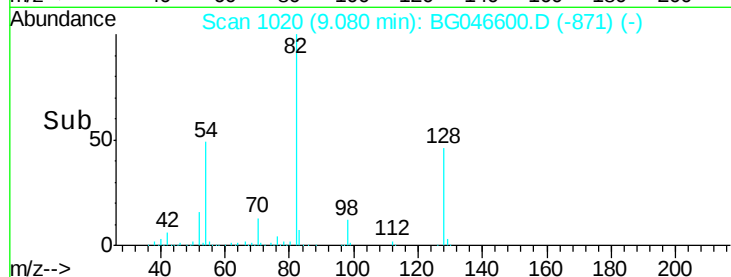
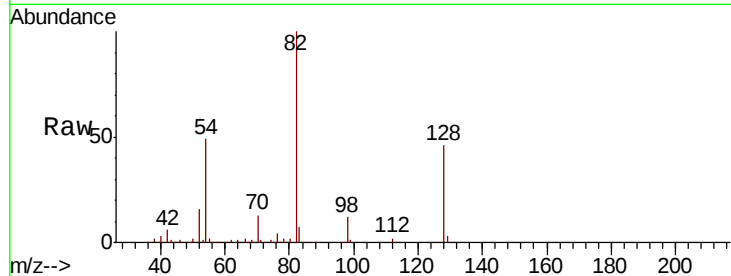




#19
n-Nitroso-di-n-propylamine
Concen: 14.721 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

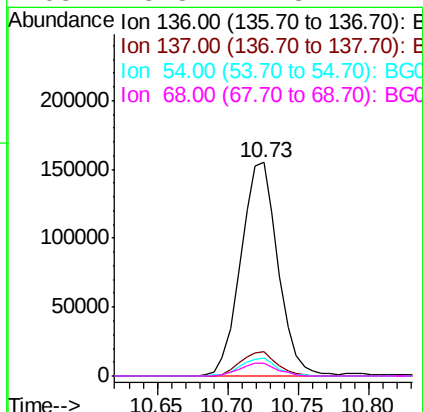
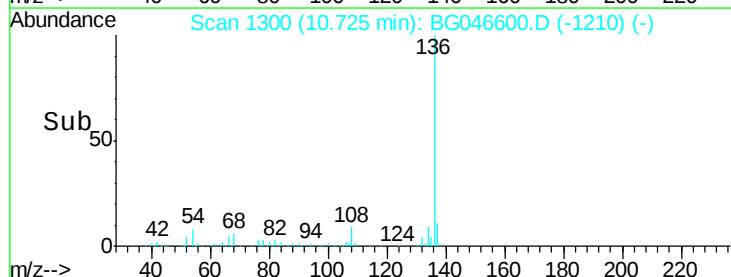
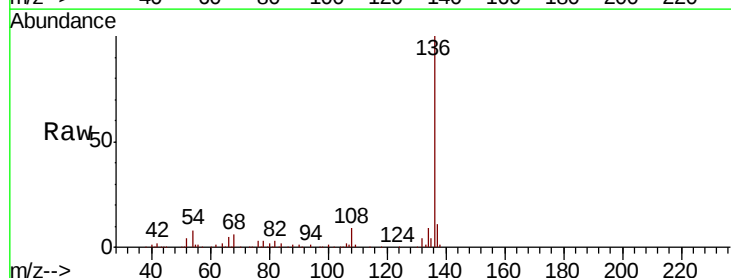
Instrument :
BNA_G
ClientSampleId :
BSY-WC-WATER-DRUM

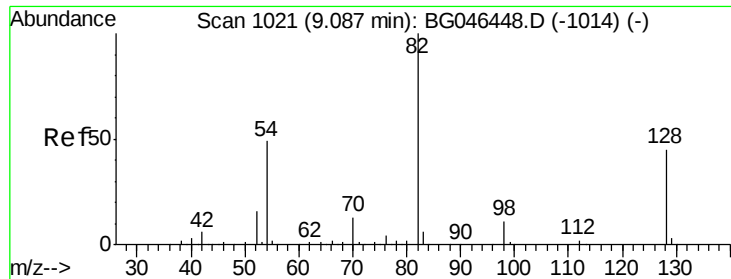
Tot Ion: 70 Resp: 51486
Ion Ratio Lower Upper
70 100
42 45.4 44.2 66.2
101 0.0 7.8 11.8#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

Tgt Ion: 136 Resp: 285607
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 6.1 9.1
68 5.8 4.8 7.2

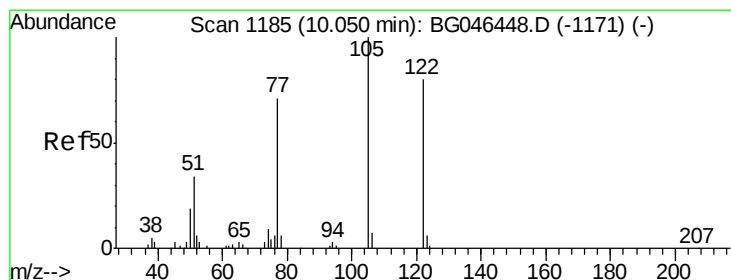
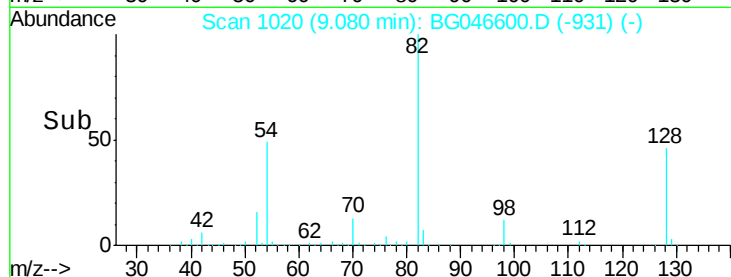
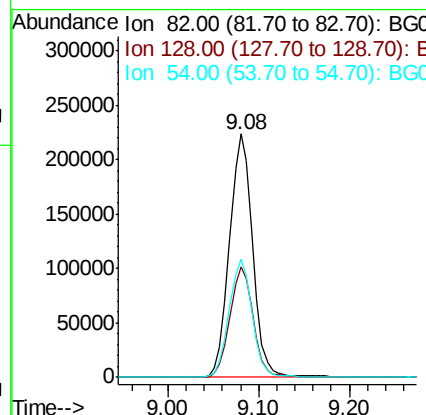
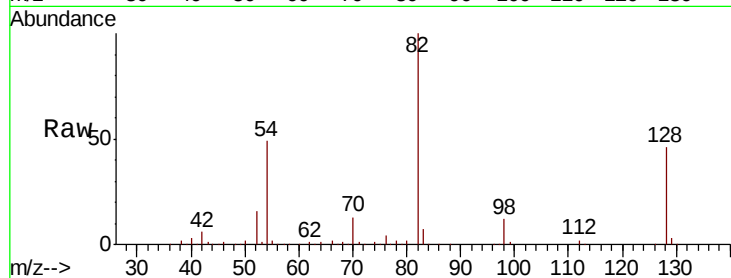




#23
 Nitrobenzene-d5
 Concen: 79.712 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046600.D
 Acq: 11 Sep 2020 17:26

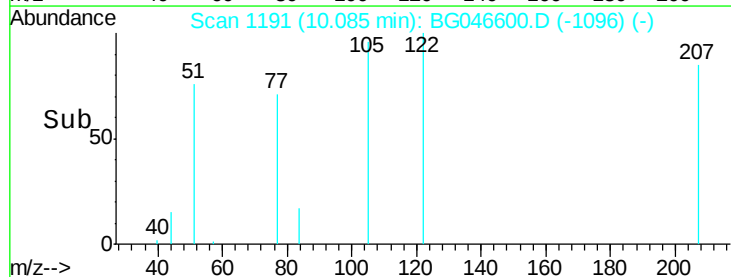
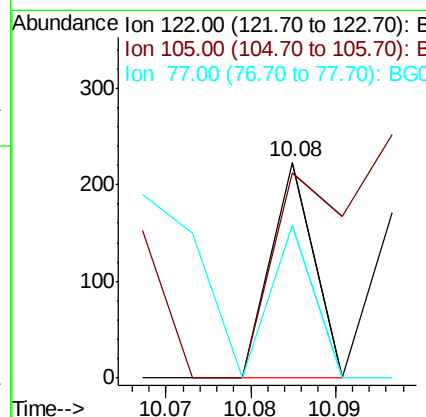
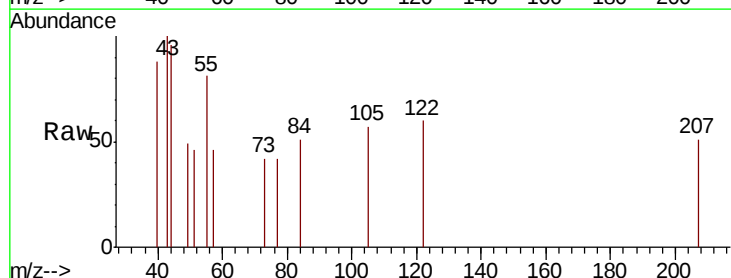
Instrument :
 BNA_G
 ClientSampleId :
 BSY-WC-WATER-DRUM

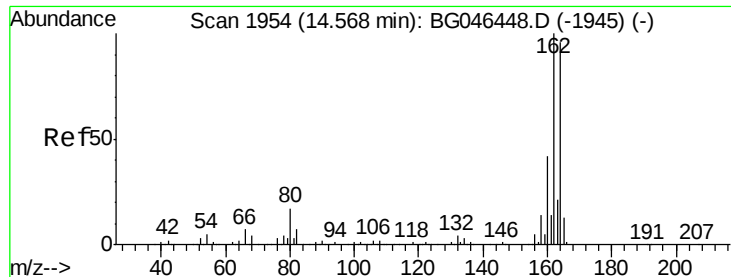
Tot Ion	82	Resp	398323
Ion Ratio	100	Lower	Upper
128	45.6	35.7	53.5
54	48.8	39.4	59.0



#32
 Benzoic acid
 Concen: 4.505 ng
 RT: 10.08 min Scan# 1191
 Delta R.T. 0.03 min
 Lab File: BG046600.D
 Acq: 11 Sep 2020 17:26

Tgt Ion	122	Resp	79
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	95.5	102.5	142.5#
77	70.9	68.2	108.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046600.D

Acq: 11 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

BSY-WC-WATER-DRUM

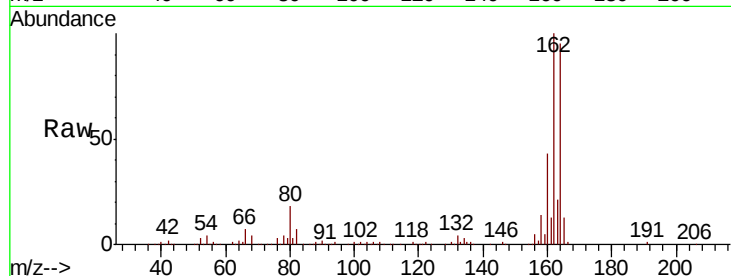
Tot Ion:164 Resp: 199696

Ion Ratio Lower Upper

164 100

162 104.9 83.3 124.9

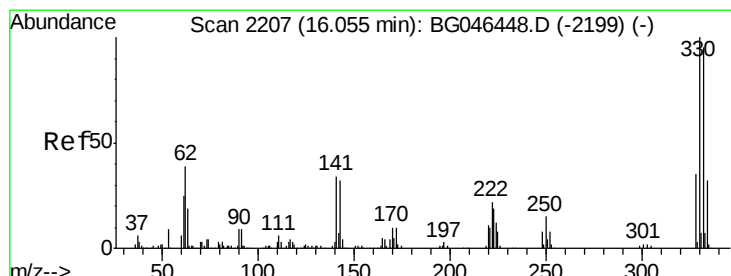
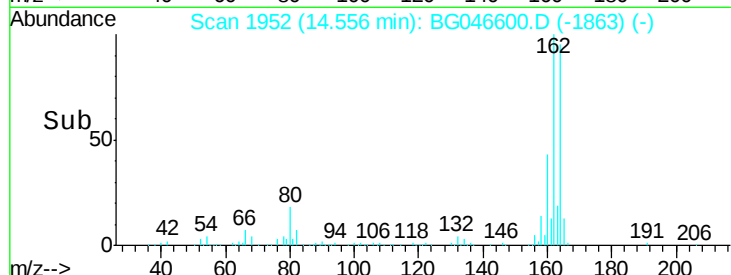
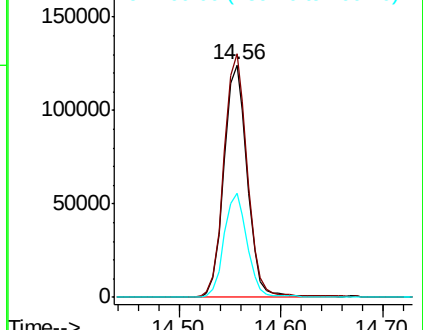
160 45.1 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 105.503 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046600.D

Acq: 11 Sep 2020 17:26

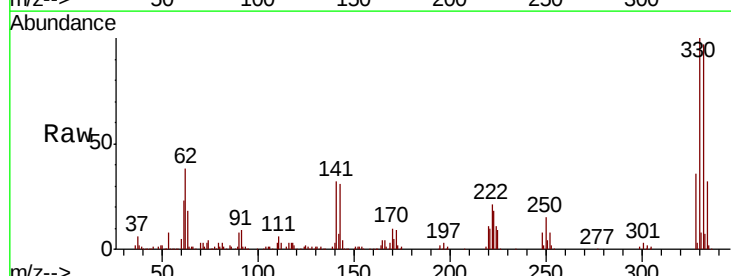
Tgt Ion:330 Resp: 285463

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

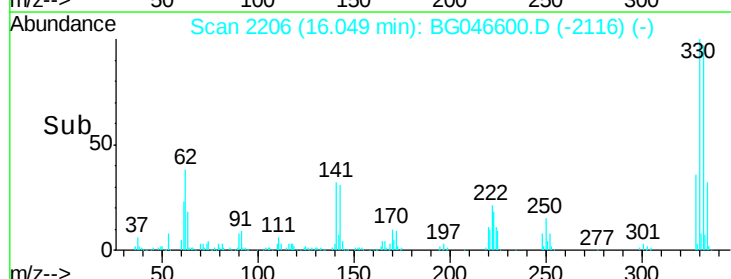
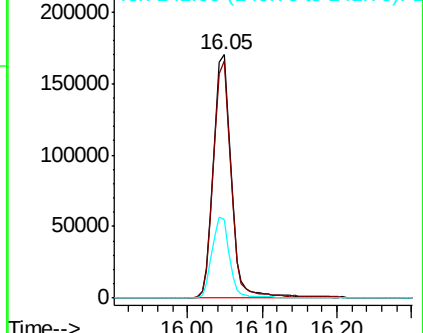
141 33.3 26.1 39.1

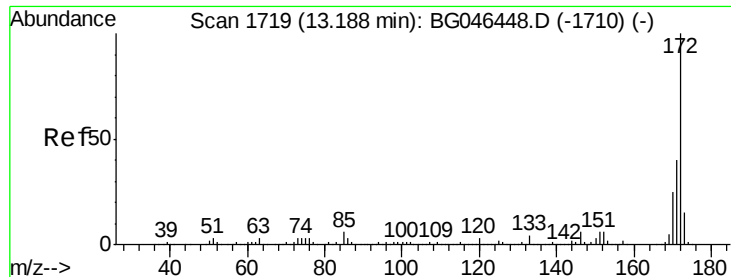


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

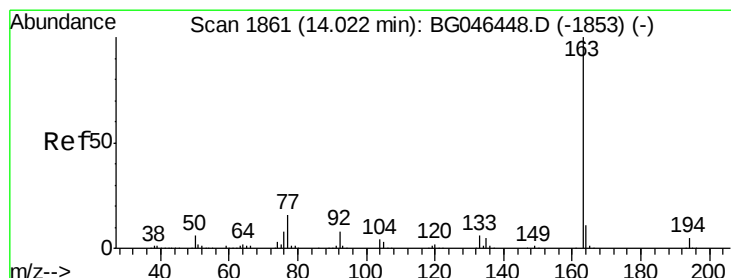
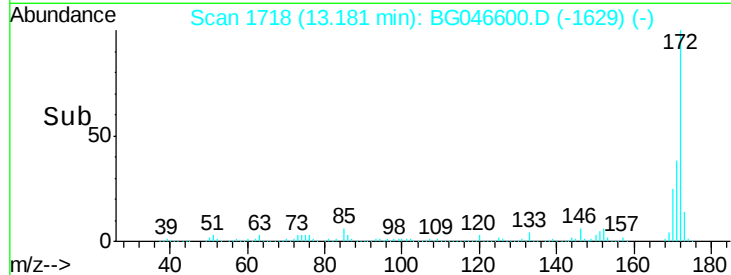
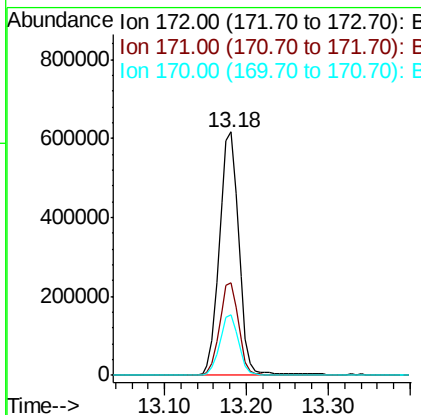
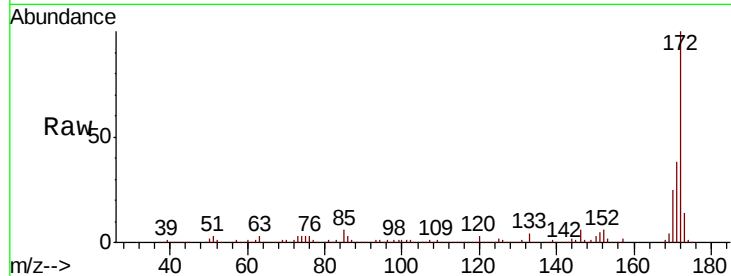




#45
 2-Fluorobiphenyl
 Concen: 78.674 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046600.D
 Acq: 11 Sep 2020 17:26

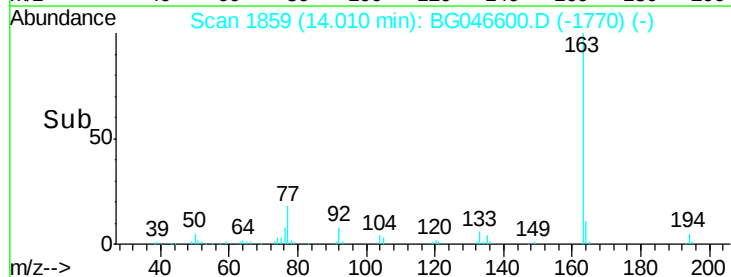
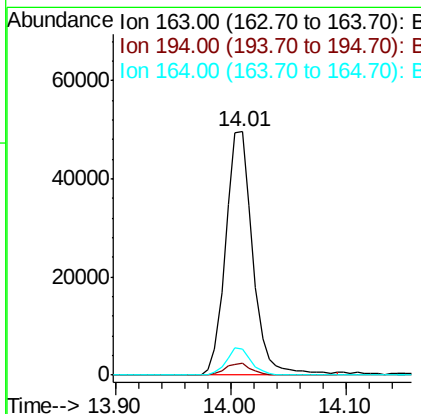
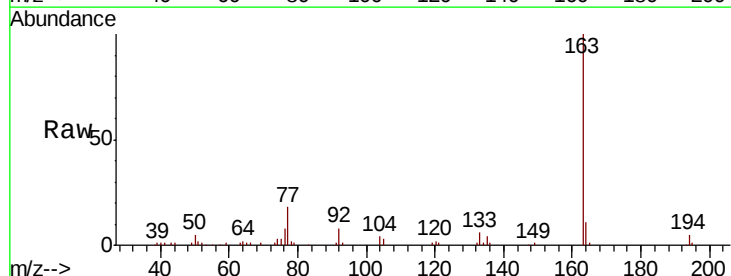
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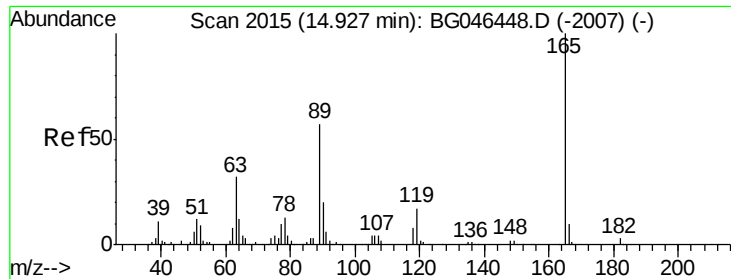
Tot Ion:172 Resp: 1029163
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.8 47.6
 170 24.8 20.3 30.5



#50
 Dimethylphthalate
 Concen: 5.221 ng
 RT: 14.01 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BG046600.D
 Acq: 11 Sep 2020 17:26

Tgt Ion:163 Resp: 80658
 Ion Ratio Lower Upper
 163 100
 194 4.8 3.7 5.5
 164 10.6 8.6 12.8

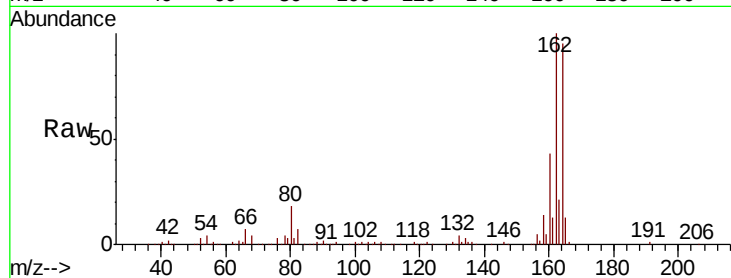




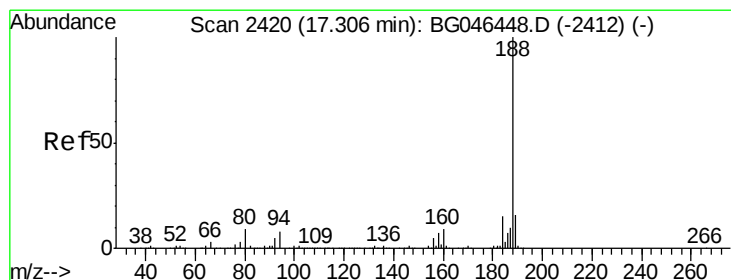
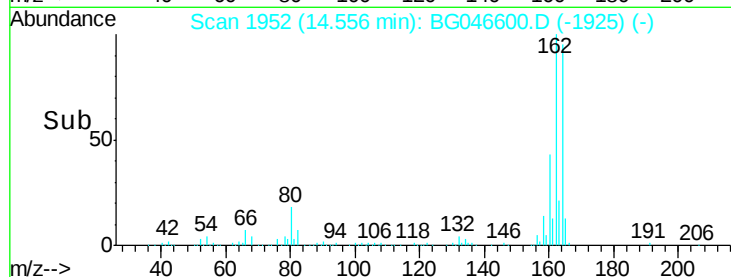
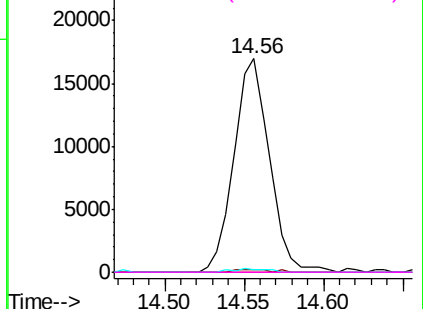
#57
 2,4-Dinitrotoluene
 Concen: 5.421 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046600.D
 Acq: 11 Sep 2020 17:26

Instrument :
 BNA_G
 ClientSampleId :
 BSY-WC-WATER-DRUM

Tot Ion:165 Resp: 26326
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 1.0 45.9 68.9#
 182 0.0 2.3 3.5#

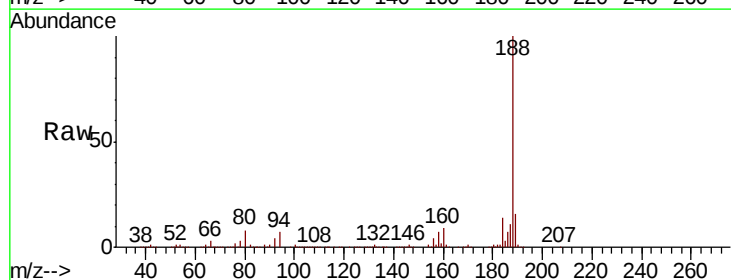


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

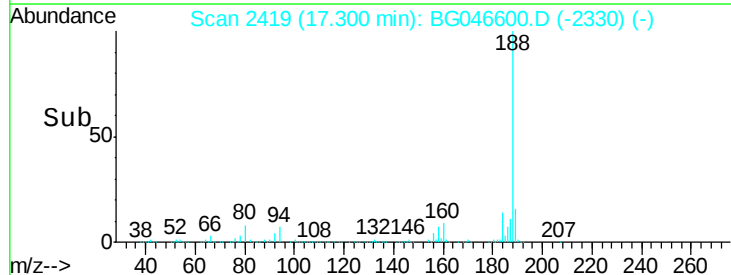
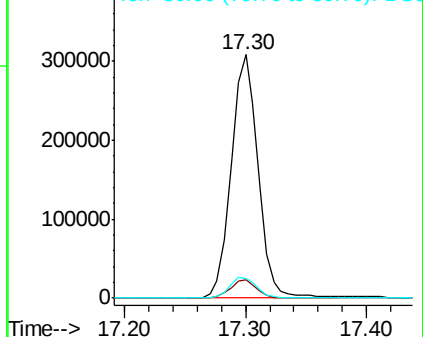


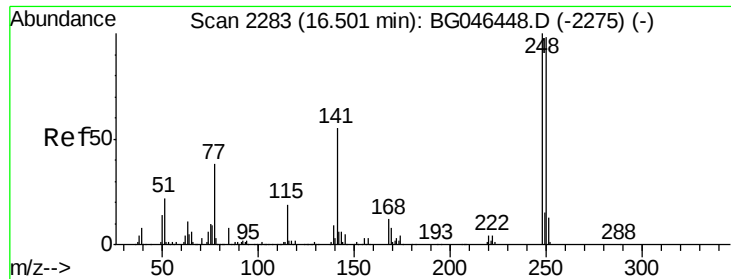
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG046600.D
 Acq: 11 Sep 2020 17:26

Tgt Ion:188 Resp: 476533
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.3 9.5
 80 8.3 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

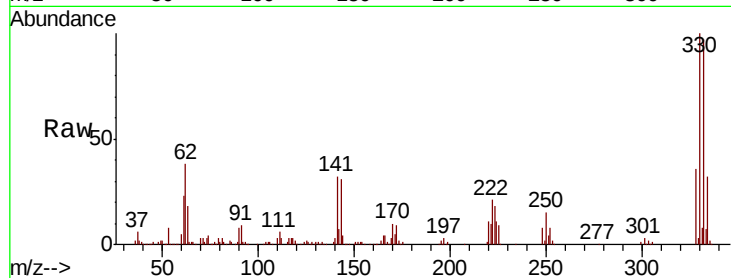




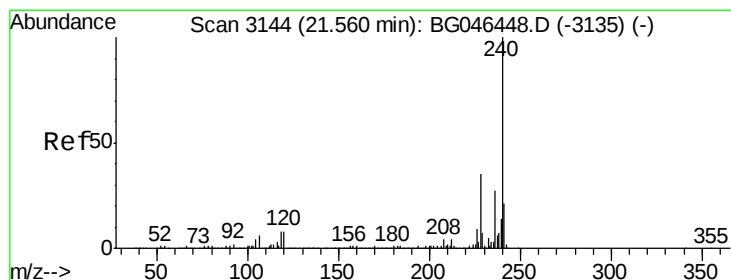
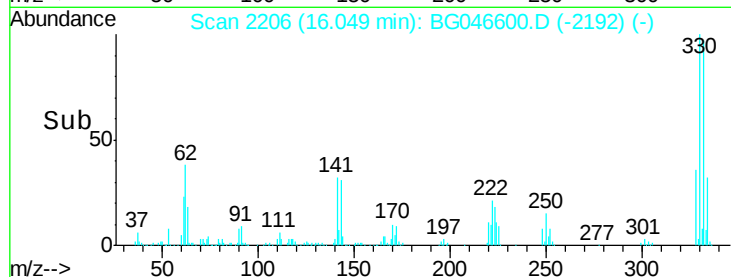
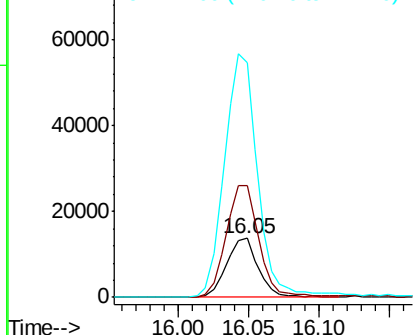
#67
 4-Bromophenyl-phenylether
 Concen: 3.905 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.45 min
 Lab File: BG046600.D
 Acq: 11 Sep 2020 17:26

Instrument :
 BNA_G
 ClientSampleId :
 BSY-WC-WATER-DRUM

Tot Ion:248 Resp: 21712
 Ion Ratio Lower Upper
 248 100
 250 188.6 78.6 118.0#
 141 396.5 43.9 65.9#

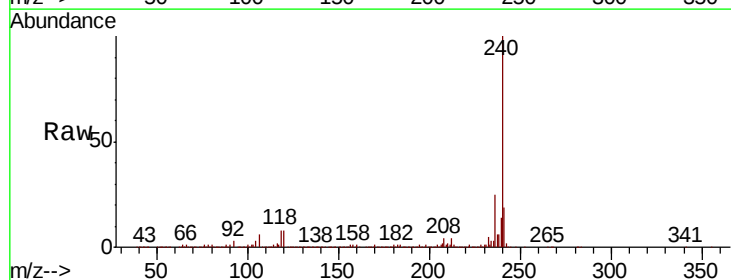


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

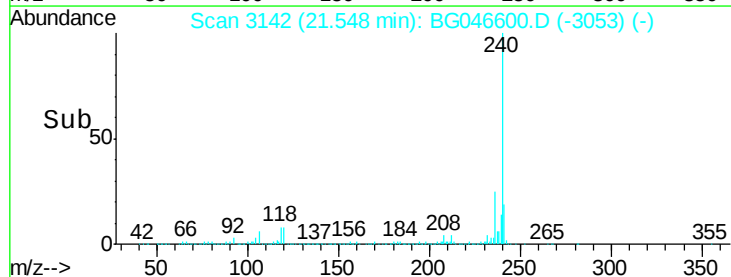
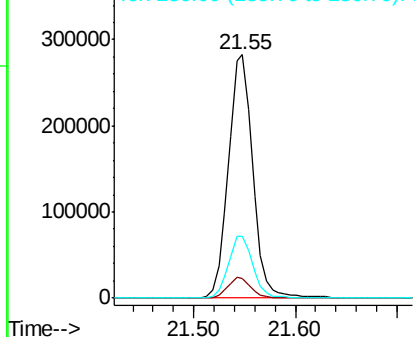


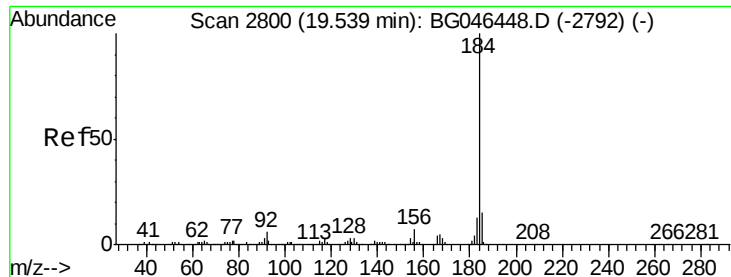
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG046600.D
 Acq: 11 Sep 2020 17:26

Tgt Ion:240 Resp: 472599
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.6 10.0
 236 25.3 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.154 ng

RT: 19.91 min Scan# 2864

Delta R.T. 0.38 min

Lab File: BG046600.D

Acq: 11 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

BSY-WC-WATER-DRUM

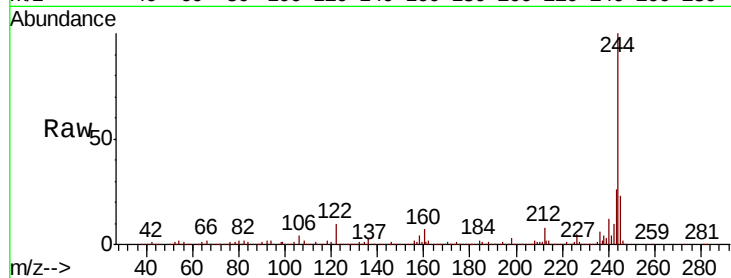
Tot Ion:184 Resp: 23651

Ion Ratio Lower Upper

184 100

185 36.9 11.8 17.8#

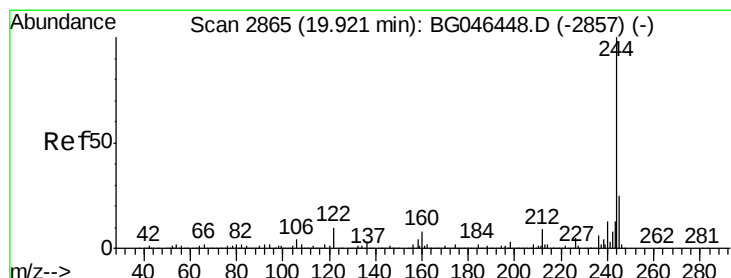
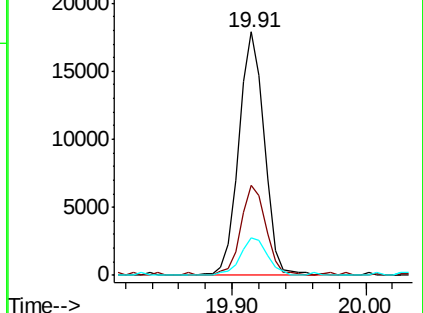
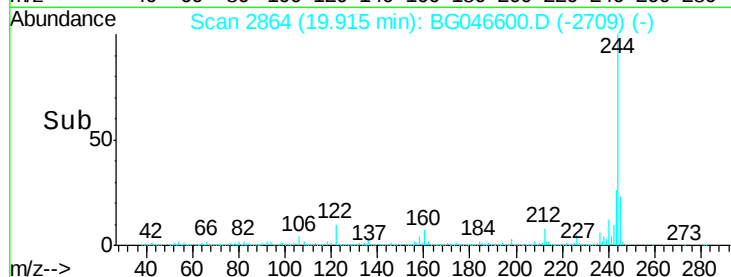
183 15.2 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 70.715 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046600.D

Acq: 11 Sep 2020 17:26

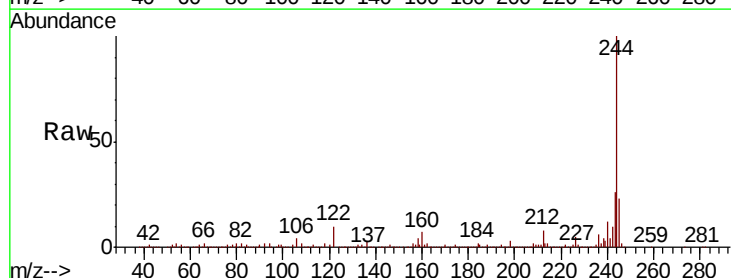
Tgt Ion:244 Resp: 1570354

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

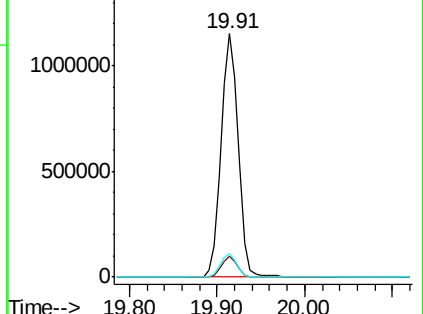
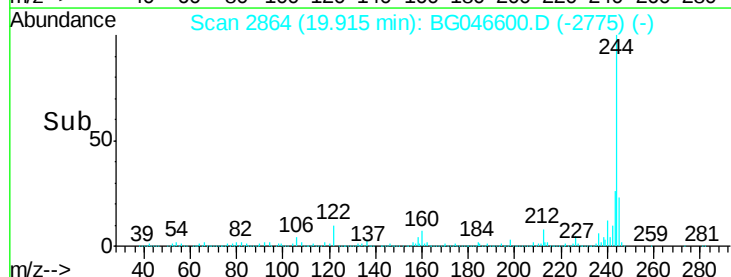
122 9.7 8.2 12.4

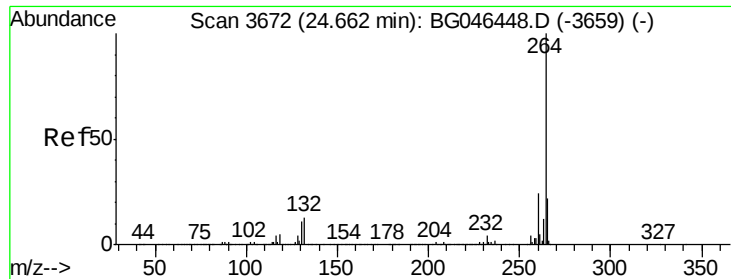


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

Instrument :
BNA_G
ClientSampleId :
BSY-WC-WATER-DRUM

Tot Ion: 264 Resp: 469524
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.5 17.9 26.9

